Chemistry 102-01 Syllabus
Introductory Chemistry II

Contact Information

Dr. Sharon Cruse
CNSB 201
Office Hours: Monday and Wednesday 10:00-12:00
Tuesday and Thursday 11:00-12:00
TBA
Phone: 342-1834
Email: cruse@ulm.edu

Course Description, Prerequisites/Co-requisites

102. INTRODUCTORY CHEMISTRY II. 3 cr. The fundamentals of organic and biochemistry. Prerequisite: "C" or better in CHEM 101. Three hours lecture. For non-majors. F, Sp

Course Objectives and Outcomes

This course is designed to

1. Enable students to have a more positive understanding and appreciation of the role of chemistry in their lives.
2. Enable students to understand the inseparable influences of the natural sciences.
3. Enable students to make reasoned judgments on societal issues that are founded on the processes and fruits of science.

Course Schedule Information

Fall 2009
9:30-10:45 TT
CNSB 243

August 25 Organic Chemistry: Saturated Hydrocarbons
27 Organic Chemistry: Saturated Hydrocarbons
September 1 Unsaturated Hydrocarbons
3 Unsaturated Hydrocarbons
8 Alcohols, Ethers, Phenols, and Thiols
10 Alcohols, Ethers, Phenols, and Thiols
15 Aldehydes and Ketones
17 Test 1
22 Aldehydes and Ketones
24 Carboxylic Acids and Esters
29 Carboxylic Acids and Esters
October 1 Amides and Amines
6 Amides and Amines
8 Carbohydrates
13 Carbohydrates
15 Test 2
20 Lipids
22 Lipids
27 Amino Acids, polypeptides, and Proteins
29 Amino Acids, polypeptides, and Proteins

November 3 Enzymes
5 Enzymes
10 Nucleic Acids and Heredity
12 Test 3
17 Bioenergetics
19 Carbohydrate Metabolism
24 Carbohydrate Metabolism
December 1 Metabolism of Lipids and Proteins
3 Metabolism of Lipids and Proteins

(*The instructor reserves the right to adjust the schedule as needed.*)

Instructional Methods and Activities

Lecture
Cooperative learning

Methods of Evaluation

Tests

4 tests, 150 points each
Objective: a mixture of problems, matching, fill in the blank, true/false, multiple choice, short answers
Dates: September 17, Thursday
October 15, Thursday
November 12, Thursday
December 8, Tuesday, 10:00-11:50 AM

Class Assignments

5 points each.
Each class.
Maximum is 125 points.
Questions are to be answered in class by working together (with no help from me).
Answers handed in at end of class.
If absent
(1) make arrangements to answer questions before the next class meeting
OR
(2) answer a set of make-up questions given to you the next time you come to class.

Make-up Test

If a student knows before a test date that he/she may be absent, he/she should let me know before the test date. If a student has a problem on the day of the test, he/she is to contact me (leaving enough information for me to get back in contact with him/her) ASAP.
(1) For one missed test, taking the test after the test day will require a 5 page report. If the student misses a second test day, he/she will have to write a 10 page report. If the student misses a third test day, he/she will have to write a 20 page report. Each of these

reports is to be handed in BEFORE a make-up test is scheduled. The format and subject of the report will be given to the student when he/she returns to class. So, if you miss 3 tests, you will need to write 3 reports (5, 10, 20 pages) and take 3 make-up tests.

(2) Any curve applied to a test taken by students at the scheduled time will NOT be applied to a test not taken on the scheduled day.

Grades

A	634-725 points	87.5-100%
B	561-633 points	77.5-87%
C	489-560 points	67.5-77%
D	362-488 points	50-67%
F	0-361 points	0-49%

Mid-Term: October 5-16

Undergraduate mid-term grades will be posted on-line for students to view via Arrow. Mid-term grades indicate a student's status at mid-semester only and do not indicate the final performance outcome of a student.

Drop Date: November 2

Class Policies and Procedures

All policies stated in the current ULM *Student Policy Manual & Organizational Handbook* are followed.

Required Textbook: Introduction to General, Organic, and Biochemistry. Hein, Pattison, Arena, and Best. 9th Edition.

Attendance: You are expected to attend class. Excess absences will be reported.

Course Evaluation Policy: You are expected to complete the on-line course evaluation.

Student Services: http://www.ulm.edu/studentaffairs